

Course Title: Pre-Calculus

Course Number: 01510

Instructor: Mrs. Ketterhagen

Phone Number: 763-0200 ext. 4248

Department: Mathematics

E-mail: mketterhagen@basd.k12.wi.us

Length: 2 Semesters

Credits: 1

Prerequisite: Algebra 2 with grade of A, Accelerated Algebra 2, Honors Algebra 2

Course Description:

Pre-Calculus is designed for the student who has completed Algebra 2 with grade of A, Accelerated Algebra 2, or Honors Algebra 2 and is not planning to take AP Calculus at BHS or Calculus immediately upon entering college. Pre-calculus will explore families of functions, their transformations and applications, triangle trigonometry, circular functions and their graphs, basic trigonometric identities, statistical modeling, probability distributions and inferential statistics. **A graphing calculator (we recommend the TI 83plus/TI 84) is required for this course.**

Materials

Textbook

3-Ring Binder

Calculator TI-83+ or TI-84

Pen or Pencil

Loose Leaf Paper

charged Chrome Book

Grading:

Grades are calculated using the standard BHS 90-80-70-60 grading scale. Your grade for each semester will be determined by the following:

Tests 45%

Quizzes 40%

Assignments 5%

Final 10%

Daily Work:

Khan Academy (worth 5%) will be assigned and graded. An Assignment on Khan may be redone as many times until a passing score or 100% is earned. Daily work will be assigned from the textbook. In order to show mastery of a concept on a quiz or test, students would benefit from practicing that concept. Keys to notes and daily work will be provided in the classroom as well as online via my school website and/or Google Classroom. Course information will also be shared on Google Classroom.

Quizzes:

There will be approximately two quizzes per chapter. No notes will be allowed. Only graphing calculators will be allowed on quizzes. **NO corrections or quiz retakes.** Lowest Quiz score is dropped each semester.

Tests:

Tests will be given at the end of each chapter. No notes will be allowed. Only graphing calculators will be allowed on tests. **NO corrections or test retakes.**

Course Expectations

I expect each student to work hard and complete the course successfully. To do this I expect the following:

- Each student will refrain from using his/her cell phone in class. Cell phones are required to be turned in to the cell phone caddy daily. School policy states: No cell phones visible in classroom (only allowed in hallways and cafeteria). Cell phone violation will result in cell phone being collected and returned: 1st offense - end of hour, 2nd offense - end of day, 3rd offense - brought to office and parent must pick up.
- Each student will refrain from using his/her Chrome Book unless instructed to do so.
- Each student is expected to be in class every day and display a positive and cooperative attitude.
- Each student will come to class prepared. This means Chrome Book, textbook, graphing calculator, note-packet and most importantly any questions they may have about the material.
- Each student will be in their desks and ready to work when the bell rings.
- Students are expected to complete all classwork and assignments with justifications. All answers must be justified with work shown.
- Students are expected to RESPECT themselves, all other persons in the class, and school property.
- Each student is responsible for letting me know if they are in need of more assistance outside of class.
- Each student will take responsibility for making up any missed work due to excused absences or field trips.
- Each student will refrain from cheating (copying someone's work, or allowing someone to copy their own work) otherwise they will receive a zero.

Extra Help

From time to time it may be necessary for students to come in for extra help. If you are absent, it may not be possible to answer all of your questions in class. You can see me before or after school M, T, TH, F or during Flex time of Advisory. Please note that I will not be available on Wednesday's after school as these are meeting days for teachers. There may also be meetings that come up on other days, so please communicate with me as to what your plans are! There is a Math ALL every period of the day, so please feel free to get help this way as well.

****Please check skyward regularly to verify your grades. If you notice a mistake please bring it to my attention. Please visit my website or Google Classroom for my notes and answer keys.**

*****Course Expectations subject to change!!!**

**Pre-Calculus
Course Expectations
Mrs. Ketterhagen**

Please have your parents/guardians read through the course expectations, and sign below.
I will need your signature as well.

I understand the course expectations for Pre-Calculus and agree to do my best to follow them.
I understand that if I have any questions or concerns, I may contact Mrs. Ketterhagen at any
time.

Phone: 763-0200 ext. 4248

E-mail: mketterhagen@basd.k12.wi.us

Student printed name

Student Signature

Date

Parent/Guardian Signature

Date